# Introduction

This file is a comparative analysis on Cycon’s ability to perform Multi-Modal NB classification. This serves as proof that the Cycon page is able to perform MultiModalNB. The following shows MultimodalNB results for various datasets.

|  |  |
| --- | --- |
| **Dataset:** | |
| Shape: 17 x 3  Classes: salary\_more\_than\_100k(1), (not (salart\_more\_than\_100k (0))  Purpose: based on the company, job, degree determine salary | |
| **Comparative Work:**  <https://www.kaggle.com/code/omkarsantoshraut/classification-using-multinomial-naive-bayes/notebook> | **Cycon Work:** |
| **Settings:** | |
| Convert the categorical data into numeric. So, that we can build a model.  Now, store input and output data into two seperate variables.  Create and use MultiModalNB model |  |
| **Results:** | |
|  |  |
| **Any Additional Information:** | |

## Salary.csv

|  |  |
| --- | --- |
| **Dataset:** | |
| Dataset - (995,3) | |
| **Comparative Work:**  **https://www.kaggle.com/code/pedrovinciusmeerholz/naive-bayes-classification/notebook** | **Cycon Work:** |
| **Settings:** | |
| Convert the categorical data into numeric. So, that we can build a model. |  |
| **Results:** | |
|  |  |
| **Any Additional Information:** | |

Naive-Bayes-Classification-Data.csv